

ABSTRACT OF THE DISCLOSURE

An input unit inputs color image signals, a first segmentation unit determines attributes of a target pixel for the color image signals, a color component control unit that conducts a predetermined processing
5 to color components of the target pixel based on the attributes of the target pixels determined to thereby generate processed color image signals, a second segmentation unit that determines attributes of the target pixel for the processed color image signals, and an image processing unit that conducts an image processing to the processed
10 color image signals based on the attributes of the target pixel determined by the second segmentation unit.